

```
chain nodes :
  6 7 8 9 10 17 18 19 20 21 22 23 24
ring nodes :
```

1 2 3 4 5 11 12 13 14 15 16 chain bonds :

 $1-6 \quad 2-8 \quad 5-7 \quad 8-9 \quad 8-17 \quad 9-10 \quad 10-11 \quad 17-18 \quad 17-23 \quad 18-19 \quad 19-20 \quad 20-21 \quad 20-24 \quad 21-22$ ring bonds :

1-2 1-5 2-3 3-4 4-5 11-12 11-16 12-13 13-14 14-15 15-16 exact/norm bonds :

 $1-2 \quad 1-5 \quad 1-6 \quad 2-3 \quad 2-8 \quad 3-4 \quad 4-5 \quad 5-7 \quad 17-18 \quad 17-23 \quad 18-19 \quad 20-24 \quad 21-22$ 

exact bonds :

8-9 8-17 9-10 10-11 19-20 20-21

normalized bonds : 11-12 11-16 12-13 13-14 14-15 15-16

## Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS